

WHAT IS CLAIMED IS:

1. A filtration device, comprising:

an unfiltered fluid inlet surface, through which unfiltered fluid may enter the filtration device;

a first filter media in fluid communication with the unfiltered fluid inlet surface, said first filter media being spirally wound and being positioned with respect to said unfiltered fluid inlet surface so that unfiltered fluid entering the filtration device through the unfiltered fluid inlet surface is directed to flow radially inward and through the first filter media;

a core in fluid communication with the first filter media, said core having a surface that defines apertures, said core being positioned with respect to said spirally wound first filter media so that filtered fluid flowing radially inward from the first filter media flows into the core, said core having a first end and a second end with said first end being open so that filtered fluid may exit the core and with said second end being closed so that the flow of fluid through the second end is prevented; and

a filtered fluid outlet in fluid communication with the first end of the core so that filtered fluid flowing from the first end of the core exits the filtration device through the filtered fluid outlet.

2. A filtration device as in claim 1, further comprising a second filter media in fluid communication with the unfiltered fluid inlet surface, said second filter media being spirally wound around the first filter media so that fluid flowing

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3. A filtration device as in claim 2, wherein the first filter media comprises activated carbon and the second filter media comprises a charge-modified material.
4. A filtration device as in claim 3, wherein the filtration device is configured for installing into a water sprayer of a conventional sink assembly so that filtered water may be provided from the sprayer.
5. A filtration device as in claim 2, further comprising a third filter media in fluid communication with the unfiltered fluid inlet surface, said third filter media being spirally wound around the second filter media so that fluid flowing from the unfiltered fluid inlet surface flows radially inward through the third filter media and into the second filter media.
6. A filtration device as in claim 5, further comprising a fourth filter media in fluid communication with the unfiltered fluid inlet surface, said fourth filter media being spirally wound around the third filter media so that fluid flowing from the unfiltered fluid inlet surface flows radially inward through the fourth filter media and into the third filter media.
7. A filtration device as in claim 1, further comprising a second filter media in fluid communication with the unfiltered fluid inlet surface, said second filter media positioned so that fluid flowing from the unfiltered fluid inlet surface

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said core having a first end and a second end, wherein said first end is open so that unfiltered fluid may enter the core and wherein said second end is closed so that flow of fluid through the second end is prevented;

a first filter media in fluid communication with the core, said filter media being spirally-wound around the surface of the core so that fluid flowing from the core may flow radially outward through the apertures and into the first filter media; and,

a filtered fluid outlet surface in fluid communication with the first filter media so that filtered fluid from the first filter media may exit the filtration device through the filtered fluid outlet surface.

14. A filtration device as in claim 13, further comprising a second filter media in fluid communication with the filtered fluid outlet surface, said second filter media being spirally wound around the surface of the first filter media so that filtered fluid from the first filter media may flow radially outward, through the second filter media, and then may exit the filtration device through the filtered fluid outlet surface.

15. A filtration device as in claim 14, wherein the first filter media comprises a charge-modified material and the second filter media comprises activated carbon.

16. A filtration device as in claim 15, wherein the filtration device is configured for installing into the water sprayer of a conventional sink assembly so that filtered water may be provided from the sprayer.

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20. A filtration device as in claim 13, wherein said core is cylindrically shaped.

21. A filtration device as in claim 13, wherein the first filter media comprises activated carbon.

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a core located within the volume, the core defining a chamber; at least one aperture allowing fluid communication through the core and into the chamber; and an exit orifice in fluid communication with the outlet; and,

25. A filtration device as in claim 24, wherein the spirally wound filtration media comprises activated carbon.

26. A filtration device as in claim 24, wherein the filtration device is configured for installing into a water sprayer of a conventional sink assembly so that filtered water may be provided from the sprayer.

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